

INFORMATION DISCLOSURE CITATION
PRIORITY APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)
CIBT-P02-060Application Number
09/635370Applicant
PangFiling Date
09-Aug-2000Group Art Unit
1636

JUN 22 2001

U.S. PATENT DOCUMENTS

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EXAMINER TRADEMARK	DOCUMENT NUMBER		DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
KFD	AA	5888705	30-Mar-1999	Rubin et al.	435	366	28-Apr-1995
KFD	AB	6001647	14-Dec-1999	Peck et al.	435	325	25-Oct-1995

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
					YES	NO

OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages Etc.)

KFD	AC	Ahlgren, U. et al. "Arrested development of the pancreas in IPF1/PDX1 deficient mice reveals that the pancreatic mesenchyme develops independently of the pancreatic epithelium", Development 122:1409-1416 (1996). "The morphogenesis of the pancreatic mesenchyme is uncoupled from that of the pancreatic epithelium in IPF1/PDX-1 deficient mice"				
	AD	Apelqvist, A. et al, "Sonic hedgehog directs specialized mesoderm differentiation in the intestine and pancreas", Curr. Biol. 7: 801-804 (1997).				
	AE	Asada, N. et al., "Identification of α - and β -cells in Intact Isolated Islets of Langerhans by Their Characteristic Cytoplasmic Ca ²⁺ Concentration Dynamics and Immunocytochemical Staining", Diabetes 37:751-757 (1998).				
	AF	Bensley, R.R, "Studies on the pancreas of the guinea pig. Amer. J. Anat. 12, 297-388 (1911).				
	AG	Bonner-Weir, S. et al., "A Second Pathway for Regeneration of Adult Exocrine and Endocrine Pancreas: A Possible Recapitulation of Embryonic Development", Diabetes 42: 1715-1720 (1993).				
	AH	Bosco, D. et al., "Homologous but not heterologous contact increases the insulin secretion of individual pancreatic B-cells", Exp. Cell Res. 184:72-80 (1989).				
	AI	Brady, G., et al., "Analysis of gene expression in a complex differentiation hierarchy by global amplification of cDNA from single cells", Current Biology 5: 909-922 (1995).				
	AJ	Brons, G., et al., "Glucocorticoids stimulate the division of rat pancreatic islet tumour cells in tissue culture", Diabetologia 27:540-544 (1984).				
	AK	Cossel, L., "Intermediate cells in the adult human pancreas: contribution to the transformation of differentiated cells in vertebrates", Virchows Arch [Cell Pathol.] 47: 313-328 (1984).				
	AL	Domen, J. et al., "Self-renewal, differentiation, or death: regulation and manipulation of hematopoietic stem cell fate", Molecular Medicine Today 5: 201-208 (1999).				
	AM	Dulac, C. et al., "A Novel Family of Genes Encoding Putative Pheromone Receptors in Mammals", Cell 83: 195-206 (1995).				
	AN	Edlund, H., "Transcribing pancreas", Diabetes 47: 1817-1823 (1998).				
KFD	AO	Fernandes, A. et al., "Differentiation of New Insulin-Producing Cells is Induced by Injury in Adult Pancreatic Islets", Endocrinology 138: 1750-1762 (1997).				

Form 102449 INFORMATION DISCLOSURE CITATION ON AN APPLICATION (Use several sheets if necessary)		Docket Number (Optional) CIBT-P02-060	Application Number 09/635370
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KFO	AP	Githens, S., "The pancreatic duct cell: proliferative capabilities, specific characteristics, metaplasia, isolation, and culture," <i>Am. J. Pathol. Gastronenterol. and Nutr.</i> 7:486-506 (1988).	
	AQ	Githens, S. et al., "Isolation and culture of hamster pancreatic ducts", <i>J. Tissue Cult. Methods</i> 8:97-102 (1983).	
	AR	Githens, S. et al., "Biochemical and histochemical characterization of cultured rat and hamster pancreatic ducts" <i>Pancreas</i> 2, 427-438 (1987).	
	AS	Githens, S. et al., "Rat Pancreatic Interlobular Duct Epithelium: Isolation and Culture in Collagen Gel", <i>In Vitro Cell Dev. Biol.</i> 25: 679-688 (1989).	
	AT	Gladhaug I.P. et al., "Regulation of Surface Expression of High-Affinity Receptors for Epidermal Growth Factor (EGF) in Hepatocytes by Hormones, Differentiating Agents, and Phorbol Ester", <i>Dig. Dis. Sci.</i> 37:233-239 (1992).	
	AU	Goloslow, N. et al., "Epitheliomesenchymal interactions in pancreatic morphogenesis", <i>Dev. Biol.</i> 4: 242-255 (1962).	
	AV	Gu, D. et al., "Epithelial cell proliferation and islet neogenesis in IFN-g transgenic mice", <i>Development</i> 118: 33-46 (1993).	
	AW	Gu, D., et al., "Transitional cells in the regenerating pancreas", <i>Development</i> 120: 1873-1881 (1994).	
	AX	Halban, P.A. et al., "The Possible Importance of Contact between Pancreatic Islet Cells for the Control of Insulin Release", <i>Endocrinology</i> 111: 86-94 (1982).	
	AY	Heimann T.G. et al., "Rat Pancreatic Duct Epithelium Cultured on a Porous Support Coated with Extracellular Matrix", <i>Pancreas</i> 6: 514-521 (1991).	
	AZ	Henquin J.C. et al., "Opposite Effects of Tolbutamide and Diazoxide on 86Rb+ Fluxes and Membrane Potential in Pancreatic B-cells", <i>Biochem. Pharmacol.</i> 31: 1407-1415 (1982).	
	BA	Huotari, M.A. et al., "Growth Factor-Mediated Proliferation and Differentiation of Insulin-Producing INS-1 and RINm5F Cells: Identification of Betacellulin as a Novel β -Cell Mitogen", <i>Endocrinology</i> 139: 1494-1499, (1998).	
	BB	Kalkhoff, R.K. et al., "Fluctuations of Calcium, Phosphorus, Sodium, Potassium, and Chlorine in Single Alpha and Beta Cells during Glucose Perfusion of Rat Islets", <i>J. Clin. Invest.</i> 68: 517-524 (1981).	
	BC	King, H., et al., "Global burden of diabetes, 1995-2025: Prevalence, numerical estimates, and projections", <i>Diabetes Care</i> 21: 1414-1431 (1998).	
	BD	Korbitt, G.S., et al., "Islet Transplantation", <i>Adv. Exp. Med. Biol.</i> 426: 397-410 (1997).	
	BE	Korsgren, O. et al., "In vitro Screening of Putative Compounds Inducing Fetal Porcine Pancreatic β -cell Differentiation: Implications for Cell Transplantation in Insulin-dependent Diabetes Mellitus", <i>Ups. J. Med. Sci.</i> 98: 39-52 (1993).	
KFO	BF	Lambillote C., et al., "Direct Glucocorticoid Inhibition of Insulin Secretion: An In Vitro Study of Dexamethasone Effects in Mouse Islets", <i>J. Clin. Invest.</i> 99: 414-423 (1997).	

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BG	Lampeter, E.F. et al., "Regeneration of β -cells in response to islet inflammation", Exp. Clin. Endocrinol. Diabetes 103 (suppl 2): 74-78 (1995).
BH	Madsen, O.D. et al., "Pancreatic development and maturation of the islet B cell", Eur. J. Biochem. 242: 435-445 (1996).
BI	Malaisse, W.J. et al., "Insulin Release: The Fuel Hypothesis", Metabolism 28: 373-386 (1979).
BJ	Melander, A., "Pharmacological intervention: the antidiabetic approach", Eur. J. clin. Invest. Suppl 2: 23-26 (1998).
BK	Melmed, R.N., "Intermediate Cells of the Pancreas: An Appraisal", Gastroenterology 76, 196-201 (1979).
BL	Miettinen, P.J., "Epidermal growth factor receptor in mice and men—any applications to clinical practice?", Ann. Med. 29: 531-534 (1997).
BM	Moitose de Vargas, L. et al., "Individual β cells within the Intact Islet Differentially Respond to Glucose", J. Biol. Chem. 272:26573-26577 (1997).
BN	Mukouyama, Y. et al., "In Vitro Expansion of Murine Multipotential Hematopoietic Progenitors from the Embryonic Aorta-Gonad-Mesonephros Region", Immunity 8: 105-114 (1998).
BO	Nielsen, JH. Et al., "Beta cell proliferation and growth factors", J. Mol. Med. 77: 62-66 (1999).
BP	Niki, A. et al., "Insulin Secretion by Anomers of D-Glucose", Science 186: 150-151 (1974).
BQ	Niki, A. et al., "Effects of specific inhibitors of sweet taste response on glucose-induced insulin release", Biomed. Res. 14: 13-18 (1993).
BR	Offield, M.F. et al., "PDX-1 is required for pancreatic outgrowth and differentiation of the rostral duodenum", Development 122:983-995 (1996).
BS	Ohlsson, H. et al., "IPF1, a homeodomain-containing transactivator of the insulin gene", EMBO J. 12: 4251-4259 (1993).
BT	Ohneda, O. et al., Blood 92: 908-919 (1998).
BU	Otonkoski, T. et al., "Hepatocyte Growth Factor/Scatter Factor has Insulinotropic Activity in Human Fetal Pancreatic Cells", Diabetes 42: 947-953 (1994).
BV	Otonkoski, T. et al., "Nicotinamide is a Potent Inducer of Endocrine Differentiation in Cultured Human Fetal Pancreatic Cells", J. Clin. Invest. 92: 1459-1466 (1993).
BW	Rall, L. et al., "Glucocorticoids Modulate the In Vitro Development of the Embryonic Rat Pancreas", J. Cell Biol. 75 (2 Pt 1): 398-409 (1977).

David Lambertson

9/24/02

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		Rindler, M.J. et al., "Retention of Differentiated Properties in an Established Dog Kidney Epithelial Cell Line (MDCK)", J. Cell Biol. 81: 635-648 (1979).			
	BY	Rosenberg L., "In vivo cell transformation: neogenesis of beta cells from pancreatic ductal cells", Cell Transplant. 4: 371-383 (1995).			
	BZ	Sanvito, F. et al., "TGF- β 1 influences the relative development of the exocrine and endocrine pancreas in vitro", Development 120: 3451-3462 (1994).			
	CA	Sato, Y. et al., "Glucose Regulation of Insulin Secretion Independent of the Opening or Closure of Adenosine Triphosphate-Sensitive K ⁺ Channels in β Cells", Endocrinology 140: 2252-2257 (1999).			
	CB	Schuitt, F., "Factors Determining the Glucose Sensitivity and Glucose Responsiveness of Pancreatic Beta Cells", Horm. Res. 46: 99-106 (1996).			
	CC	Secchi, A. et al., "Pancreas and islet transplantation: current progresses, problems and perspectives", Horm. Matab. Res. 29: 1-8 (1997).			
	CD	Shaw, J.W. et al., "Regeneration of pancreatic tissue from the transplanted pancreatic duct in the dog", Am. J. Physiol. 76: 49-53 (1926).			
	CE	Sjoholm, A., "Diabetes mellitus and impaired pancreatic β -cell proliferation", J. Intern. Med. 239: 211-220 (1996).			
	CF	Song, S.Y. et al., "Expansion of Pdx1-Expressing Pancreatic Epithelium and Islet Neogenesis in Transgenic Mice Overexpressing Transforming Growth Factor α ", Gastroenterology 117: 1416-1426 (1999).			
	CG	Sorenson, R.L. et al., "Adaptation of islets of Langerhans to pregnancy: beta-cell growth, enhanced insulin secretion and the role of lactogenic hormones", Horm. Metab. Res. 29: 301-307 (1997).			
	CH	Sutherland, D.E., "Pancreas and Islet Cell Transplantation: Now and Then", Transplant Proc. 28: 2131-2133 (1996).			
	CI	Thomas, P. et al., "Mutation of the pancreatic islet inward rectifier Kir6.2 also leads to familial persistent hyperinsulinemic hypoglycemia of infancy", Hum. Mol. Genet. 5: 1809-1812 (1996).			
	CJ	Trube, G. et al., "Opposite effects of tolbutamide and diazoxide on the ATP-dependent K ⁺ channel in mouse pancreatic β -cells", Pfluegers Arch. Eur. J. Physiol. 407: 493-499 (1986).			
	CK	Upchurch, B.H. et al., "Expression of peptide YY in all four islet cell types in the developing mouse pancreas suggests a common peptide YY-producing progenitor", Development 120: 245-252 (1994).			
	CL	Van Nest, G. et al., "Effects of Dexamethasone and 5-Bromodeoxyuridine on Protein Synthesis and Secretion During In Vitro Pancreatic Development", Dev. Biol. 98: 295-303 (1983).			
	CM	Wang, J.-L. et al., "Secretagogue-Induced Oscillations of Cytoplasmic Ca ²⁺ in single β - and α -Cells Obtained from Pancreatic Islets by Fluorescence-Activated Cell Sorting", Biochem. Biophys. Res. Comm. 166: 813-818 (1990).			
	CN	Wang, R.N. et al., "Duct- to islet-cell differentiation and islet growth in the pancreas of duct-ligated adult rats", Diabetologia 38: 1405-1411 (1995).			

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Warren, S. et al., "The pathology of diabetes, with special reference to pancreatic regeneration", Am. J. Pathol. 1: 415-429 (1925).

CP

Weir, G.C. et al., "Scientific and Political Impediments to Successful Islet Transplantation", Diabetes 46: 1247-1256 (1997).

CQ

Wessels, N.K. et al., "Early pancreas morphogenesis: morphogenesis, tissue interactions and mass effects", Dev. Biol. 15: 237-270 (1967).

CR

Wollheim, C.B. et al., "Regulation of Insulin Release by Calcium", Physiol. Rev. 61: 914-973 (1981).

CS

Yuan, S. et al., "Transdifferentiation of human islets to pancreatic ductal cells in collagen matrix culture", Differentiation 61: 67-75 (1996).

EXAMINER

Katharine F. Davis

DATE CONSIDERED

6-26-01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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